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中国貂祝蛾属研究及二新种记述

(鳞翅目: 祝蛾科)

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貂祝蛾属 *Athymoris* Meyrick, 1935 曾一直是瘤祝蛾亚科(Torodorinae)中的一个单型属, 分布于我国和日本。 其前翅的 M_{2+3} 合并, 且靠近共柄的 Cu_{1+2} 脉或与之同出一点; 后翅 M_2 脉靠近 M_3 脉 。腹部背板具刺列。肘部祝蛾属 *Cubitomoris* Gozmány 与本属靠近, 但其前翅的肘脉基部彼此分离。

作者除鉴定出模式种外, 还发现2个新种, 使本属种类达3种。其名录如下:

1. 貂祝蛾 *Athymoris martialis* Meyrick, 1935 (图 1)

Exot. Microlepidopt. 4:564.

Gozmány MP 5:241—242, fig. 163.

分布: 浙江(天目山、温州)、湖南(衡山)、台湾; 日本。

2. 长貂祝蛾 *Athymoris paramecola* Wu 新种(图 2)

分布: 海南(天池)。

3. 花貂祝蛾 *Athymoris nectarus* Wu 新种(图 3)

分布: 四川(江津)。

所有标本(包括模式标本)都保存在中国科学院动物研究所昆虫标本馆内。

1　分种检索表(据外形)

1. 色浅, 前翅基部具宽大的浅紫色花斑 ……………… 花貂祝蛾 *A. nectarus* 新种
— 色深, 无大花斑 ……………… 2
2. 前翅褐色, 具红铜金属光泽, 前缘具一块白色斑; 翅展 19mm ……………… 长貂祝蛾 *A. paramecola* 新种
— 前翅淡草黄到黄褐色, 前缘有两块白斑, 翅展 12—17mm ……………… 貂祝蛾 *A. martialis*

2　分种检索表(据♂外生殖器)

1. 阳茎宽大具阳茎针 ……………… 貂祝蛾 *A. martialis*
— 阳茎细长无阳茎针 ……………… 长貂祝蛾 *A. paramecola* 新种

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3　新种记述

3.1　长貂祝蛾 *Athymoris paramecola* 新种

翅展 19 mm。触角暗褐色。下唇须中节浅褐色，末节深褐色。

头部与胸部暗褐色。前翅褐色，具红铜金属光泽，花纹暗褐色：翅基 1/3 处有一条内横带，其外缘有少量白色鳞片；中室端斑较大，其周围具细的白色边缘；外横线由不连缘的白色鳞片组成；缘毛黄褐色，具 4— 5 个深褐色点；M_{2+3} 远离共柄的 Cu_{1+2} 脉。后翅浅褐色，缘毛灰褐色。

♂ 外生殖器(图 2)：爪形突短宽，末端尖；颚形突宽。抱器瓣宽直，两侧平行，末端宽圆；抱器腹和抱器背钩较明显。阳茎端基环板状，两尾角呈宽臂状伸出。基腹弧宽。阳茎长度与抱器瓣相当，但宽度仅是后者的 1/2，无阳茎针。

正模♂：海南天池，1980.IV.10，玻片号 W89053。

本新种的外生殖器构造与模式种完全不同，阳茎细长而无阳茎针。

3.2　花貂祝蛾 *Athymoris nectarus* 新种

翅展 16— 17 mm。触角黄白色。下唇须内侧黄白色，外侧浅黄褐色。

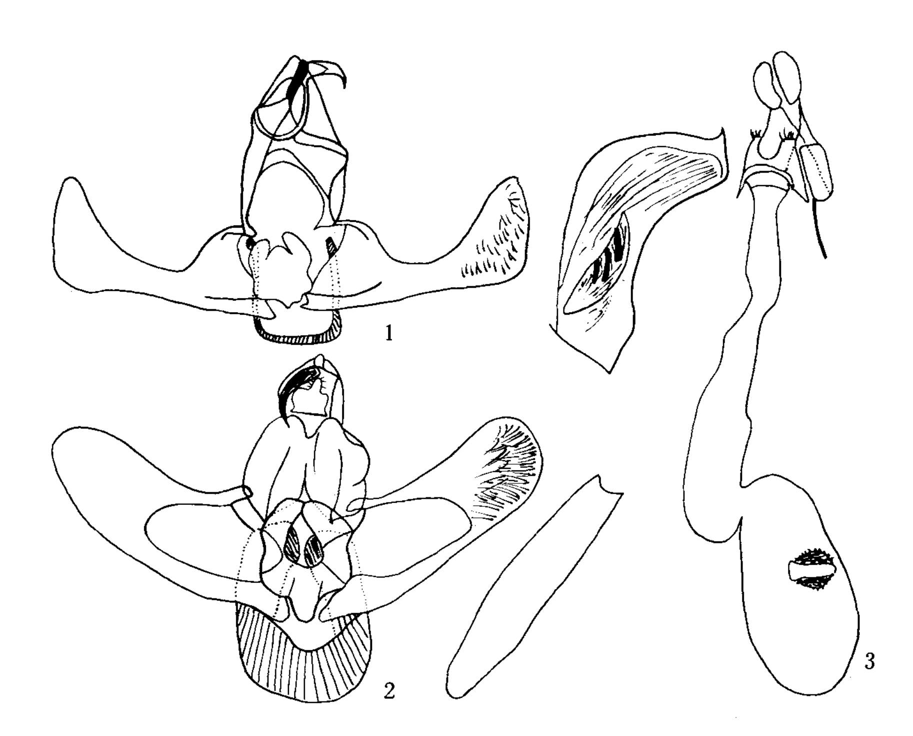


图 1 ～ 2　雄性外生殖器；图 3　雌性外生殖器

1. 貂祝蛾 *Athymoris martialis* Meyrick
2. 长貂祝蛾 *Athymoris paramecola* sp. nov.
3. 花貂祝蛾 *Athymoris nectarus* sp. nov.

头部灰白色。胸部浅蓝紫色。前翅灰褐色，但基部2/5浅紫色，其外缘白色；中室端斑小，紫褐色；外横线较明显，白色；缘毛褐色，基线灰白色。后翅灰褐色，缘毛浅灰色。

♀外生殖器(图3)：表皮突短，第8腹板后缘具方形的深缺刻。导管端片明显；囊导管长，简单；囊体大；囊突桃形，横置，中央有一条宽横槽，周缘具细锯齿。

正模♀：四川江津，1981.VII.27，刘友樵采，玻片号W89272。副模1♀：同上。

本新种色浅而翅基部具宽大的花斑，可与其它两种相区别。

A STUDY OF THE CHINESE *ATHYMORIS* MEYRICK, 1935 AND DESCRIPTIONS OF TWO NEW SPECIES (LEPIDOPTERA: LECITHOCERIDAE)

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The *Athymoris* Meyrick was a monotypical genus of Torodorinae and known to be distributed in China and Japan. The coincident M_{2+3} and stalked Cu_{1+2} approximated each other or connate in forewing; vein M_2 approximated to M_3 in hindwing. The *Athymoris* is distinctly separate from the *Cubitomoris* Gozmany in the stalked Cu_1 and Cu_2 of forewing.

In addition to identification of the type-species, 2 new species are discribed in this paper. A total of species in this genus amounts up to 3. Keys to 3 species respectively by external characters and male genitalia are given in the Chinese text.

All specimens, including the types of new species are kept in the Institute of Zoology, Academia Sinica.

***Athymoris paramecola* sp. nov.**

Wing expanse 19mm. Antennae dark brown. Head and thorax dark brown. Forewing brown, with a red-copper lustre; pattern dark brown: an inner transverse line tinged with a few white scales toward outer, discocellular spot enclosed with white, an outer transverse line composed of disconnected white scales; cilia yellowish brown, with 4—5 deep brown dots. Hindwing brownish. Male genitalia: Valva broad, evenly and only slightly tapering to a rounded apex; juxta plate-shaped, caudal processes widely arm-shaped; aedoeagus as long as valva, as wide as 1/2 valva-width, no cornuti.

Holotype ♂: Tianchi Lake, Hainan Province, April 10, 1980.

This new species differs from *A. martialis* Meyrick by the shape of the valva and

aedeagus without cornuti.

***Athymoris nectarus* sp. nov.**

Wing expanse 16～17mm. Antennae whitish yellow. Head greyish white. Thorax purplish. Forewing greyish brown; basal 2/5 purplish, tinged with a white line toward outer; discocellular spot small, purplish brown; an outer transverse line white. Hindwing greyish brown. Female genitalia: Eighth sternite forming two square lobes above; antrum short and wide; ductus bursae long, simple; bursa copulatrix large; signum with a transverse groove in middle and peripheral spines.

Holotype ♀: Jiangjin County, Sichuan Province, July 27, 1981, Liu Youqiao. Paratype 1♀: ibid..

This new species differs from the other 2 species by the forewing with a basal blotch.